D-Xylose
58-86-6 | DTXSID0023745

Model Performance

Model	Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.72	51.8	0.74	50.3	0.73	52.7

Model Results

Predicted value: 155 °C

Global applicability domain: Inside

Local applicability domain index: 4.93e-01

Confidence level: 5.98e-01

Nearest Neighbors from the Training Set

Image not found

L-Arabinose
Measured: 158
Predicted: 120

Image not found

Shikimic acid
Measured: 186
Predicted: 178

Image not found

Methyl alpha-D-glucopyranoside
Measured: 168
Predicted: 163

Image not found

D-(-)-Lyxose
Measured: 98.5
Predicted: 155